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APPLICANT: CANON INC;

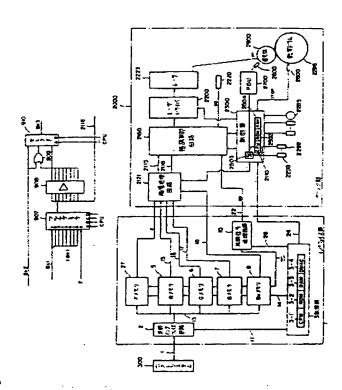
INVENTOR: HIROOKA KAZUHIKO;

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TITLE

IMAGING SYSTEM



ABSTRACT: PURPOSE: To enable formation of a single high quality image from a multi-level image and a binary image such as a character by controlling resolution selectively from multi-level image information and image information to be merged.

> CONSTITUTION: Binary pattern data BK1 are converted through a multiplexer 907 into serial binary signals synchronized with a pixel output then the serial binary signals are converted through a buffer 908 into multi-level data. Inked data BK2 and the multi-level data (OOH or FFH) are ORed at a multi-level data OR gate 909. Black data BK3 at a portion where the logic 1 of character pattern data is merged in a natural picture based on R, G, B data are converted into FFH and images are merged. The natural picture is printed out as it is at a portion where the character pattern data have logic 0 and the black data BK3 selected by means of a CPU 2110 are outputted from a selector 910.

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